

FOLIO

WISEST, UAYs Hosting Conference on Women in Science, Engineering and Technology

In sports it is always useful to have Mo Mentum on your side. So too with respect to the development of a conference. WISEST (a University of Alberta Task Force on Women in Scholarship, Engineering, Science and Technology) and UAYs (University of Alberta Women in Science and Engineering) have recruited that worthy for their "Alberta Conference on Women in Science, Engineering and Technology." Some 4,500 brochures have gone out and registrations for the 11 to 13 May event are mounting. More than 300 people, including female

high school students, teachers, undergraduates, graduate students and professional women in the fields of science, engineering and technology, are expected to attend.

Some immediacy is attached to the registration process—the pre-registration deadline is 10 April. The fees are \$60 (Professionals), \$30 (University, College and High School Students). A barbeque and lunches are included. Single day registration is \$25 (banquet extra); \$5 for high school students. (Friday, 11 May, is expressly tailored to high school girls interested in careers

in science, engineering and technology. One segment of the program is an open forum at which students can ask questions of the visiting speakers.)

Margaret-Ann Armour, Department of Chemistry, says the purpose of the conference is to bring together women in the fields of science, engineering and technology thus providing information, encouragement and stimulation both to students beginning to set their goals and to those who have achieved them.

The theme will be "Steps to a Scientific Career," and the program will include talks by distinguished women, for example, Anna Harrison, President of the American Association for the Advancement of Science; Rose Wheinin, Professor of Microbiology, University of Toronto; Janet Ferguson, Ministry of

State for Science and Technology; and Maude Barlow, Senior Adviser on Women's Affairs, Prime Minister's Office.

Workshops, panel discussions, research papers and a careers fair will be prominent throughout the conference. Further details will appear in succeeding issues of *Folio*.

This is the second conference of its kind in Canada, the first having been held in Vancouver in May 1983.

Sponsors of the conference are the British Council; Esso Resources; this University's Community Special Projects Fund, Academic Women's Association, and Office of the Vice-President (Research); Alberta Advanced Education and the Alberta Department of Education; and the Secretary of State. □



Six Izaak Walton Killam Memorial Prizes have been awarded by the Canada Council and this University can lay claim to having two of the winners. At a reception at University House 27 March, Werner Israel, Physics, (left) received the 1984 Killam Prize and joined the company of Raymond Lemieux, Chemistry. Maureen Forrester, Chairman of the Canada Council (shown here with Jean-Jacques Fortier, Vice-Chairman of the Council), presented Dr. Israel with a cheque in the amount of \$50,000, tax free.

University of Alberta

English in the Workplace Turns Out First Grads

For many of us, the experience of emigrating to a new country and having to learn its customs and language is something we can only empathize with. But for those who are confronted with the situation it can be a frightening experience. Fortunately, for a number of staffers in Building Services, Werner Larsen, Manager of that unit, has been through the wars, so to speak, and understands the sense of futility felt when one is unable

to speak the language and communicate.

Having emigrated from Denmark 27 years ago and travelled throughout Europe and South America, Mr. Larsen was well aware of the frustration which some of his staff experience in the workplace and community. So it was that he helped create "English in the Workplace," a course designed to focus on the functional uses of English, particularly within the

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workplace. Building Services' staff were asked to identify potential students and forward their selections to Mary Miller, Administrative Assistant, Physical Plant. She then screened the applicants on the basis of need and willingness to be trained. Forty-four trainees were selected and the 15-week course began. Students attended, on their own time, four hours per week of lectures, tutoring and participation in reading, writing, listening comprehension exercises and oral discussions.

The objectives of the program were to assist the employees in being able to communicate better, both verbally and in written form; to teach them specific skills which are important to the employer (proper reporting procedures, understanding instructions, etc.); to make them feel more comfortable in interacting with co-workers and supervisors by increasing their level of confidence in their ability to communicate; to help them become familiar with the Canadian way of life (customs, attitudes, etc.); and to help them become "aware" consumers and be knowledgeable about their rights and responsibilities and the services available to them.

FOLIO

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The program was taught on campus through Grant MacEwan Community College which provided two instructors and the necessary audio-visual equipment. Funding was provided by the federal government, and organizers are confident that the course can be offered in the fall.

The majority of the students were female and of Polish, Yugoslavian and Lebanese descent. Their length of time in this country ranged from several months to 20 years.

Weeks of hard work came to a successful completion recently for the 25 students who persevered. They all stood proudly as they accepted their "Certificate of Completion" at graduation ceremonies 28 March. For all of them, this achievement solidified their feelings of belonging to their adopted home. □

Engineering Professor Offers Local Area Networks Seminar

Local area networks and their role in scientific, hospital, industrial and computing environments will be discussed 13 April in a one-day seminar presented by D. Zissos of the Department of Electrical Engineering.

The seminar, to take place in 436 Civil/Electrical Engineering Building, should be of interest to technical administrators, managers, engineers, and anyone else

Sociology Professor to Receive Two Honorary Degrees

Gordon Hirabayashi, Professor Emeritus, Department of Sociology, will receive two separate honorary degrees at spring convocations. He will receive a Doctor of Humane Letters from Hamline University in St. Paul, Minnesota, 12 April. At that time, he will also give the Putnam Lecture on Social Ethics.

The second doctorate will be awarded by Haverford College in Haverford, Pennsylvania, 21 May.

Professor Hirabayashi is being honored by these two universities for his work in the area of social justice and interpersonal relations. That work comes about as a result of his involvement in

cases attempting to do justice to Japanese Americans who were interned in camps during the Second World War. Hirabayashi, himself, was one of those Japanese Americans and, in fact, his case became a landmark Supreme Court ruling. Recently, his current efforts, along with those of Korematsu and Yasui, were profiled on a segment of the U.S. TV News Show, "60 Minutes."

Professor Hirabayashi came to the University of Alberta in



Gordon Hirabayashi

1959, after teaching at the University of Washington, the American University of Beirut, and the American University in Cairo. During his long career in the Department of Sociology he taught a variety of courses, but specialized in the sociological study of ethnic and minority relations and sociology of development. He was the Chairman of the Department of Sociology from 1963 to 1970 and was instrumental in hiring what became the core faculty members of that department. He retired in 1983 but maintains an office in the department and continues his work in ethnic relations and in social justice. □

GSA's Reins of Power Shifted

The following people have been elected to serve on the Executive of the Graduate Students' Association for the 1984-85 term:
President: Gary Genosko (Philosophy)
Vice-President (External): R.G. Tinkess (History)
Vice-President (Academic): Katherine Tiede (Linguistics)
Vice-President (Services): Garth Clarke (Classics)
Vice-President (Finance): G.

Carss (MBA)
Secretary: vacant
Publications Editor: Alison Meikle (Medicine)
Members-at-Large: M. Folsom (Botany), designated member of GFC and member of GFC Executive Committee; J. Katzenbach (Economics), designated member of FDC; F. Lampi (Educational Foundations), designated Chairperson of GSA Negotiating Committee. □

Bernard Snell to Retire

Following 27 years of service, the retirement of Bernard Snell, Fellow of the Royal College of Physicians (FRCP), President and Chief Executive Officer of the University of Alberta Hospitals, was announced 29 March. Dr. Snell's retirement becomes effective 1 August 1984.

In making the announcement, William Astle, Acting Chairman of the University Hospitals Board, said, "The University of Alberta Hospitals, health care professionals and ultimately the people of Alberta will miss the leadership and dedication of a nationally noted administrator, physician and teacher."

"Dr. Snell," he noted, "has been a driving force behind the advancement of the University of Alberta Hospitals from a regional specialist hospital to an internationally recognized teaching referral centre for tertiary care."

Dr. Snell, born in Glasgow, Scotland, was first appointed in 1957 as Assistant Medical Superintendent and was promoted to Medical Superintendent in 1960. In 1966 he accepted the position of Chief Executive Officer.

In addition to his administrative responsibilities at the Hospitals, Dr. Snell served in various positions within the Faculty of Medicine. Currently, he holds the appointment of Clinical Professor, Department of Health Services Administration and Community Health.

Bernard Snell graduated in Medicine from Glasgow, Scotland, in 1943. He received a degree in Public Health Administration from the University of Edinburgh in 1946 and was admitted as a Member of the Royal College of Physicians (Edinburgh) in 1951. He was ap-

pointed a Fellow of the College in 1962. He is a Fellow of the American College of Hospital Administrators and a Member of the Faculty of Community Medicine, Royal Colleges of Physicians and Surgeons of the United Kingdom.□

... and be Succeeded by Donald Cramp

Donald A. Cramp, Fellow of the American College of Hospital Administrators, has been appointed President and Chief Executive Officer of the University of Alberta Hospitals effective 1 August 1984.

Mr. Cramp currently holds the joint appointment of Executive Director, Ohio State University Hospitals, and Assistant Vice-President (Health Services) Ohio State University. Prior to this appointment, Mr. Cramp was Executive Director of the University of Louisville Hospital.

After obtaining an undergraduate degree from the Ivey School of Business at the University of Western Ontario in 1960,

Mr. Cramp completed a MSc in Hospital Administration at Columbia University in New York in 1962. Prior to receiving his Master's, he undertook administrative residency programs at Montefiore Hospital and Medical Centre in New York, Thayer Hospital in Maine, and at Kingston General Hospital, Queen's University.

In addition to his adminis-

trative responsibilities, Mr. Cramp is currently Assistant Professor, School of Allied Medical Professions, Ohio State University. Previously, he held the appointment of Assistant Professor, School of Medicine, Case Western Reserve University, Cleveland, Ohio. In 1965 he became a Fellow of the American Public Health Association.□

Furuhata and Brauss to Present Recital

Pianist Helmut Brauss and mezzo-soprano Kuniko Furu-hata, former Assistant Professor of Voice at Tokyo's Musashino Academia Musicae, will present a recital 15 April at 8 p.m. in Convocation Hall. Admission is free.

An acknowledged interpreter of the German "Lied", Furuhata has studied in Stuttgart and in Zürich. She has frequently recorded at radio station NHK in Tokyo, and since her arrival in Edmonton, has appeared in several concerts and recorded for CBC.

Helmut Brauss has been du-

bbed "a poet of the piano" by German critics, and has performed and recorded in Europe, the U.S. and Canada. He devotes himself to the music of Mozart, Beethoven, Brahms and Schumann, although his repertoire ranges from baroque to modern composers, especially Bartók.

The program will include compositions by Paisiello, Donaudy, Schubert (a.o. An Sylvia, Heidenröslein) Wolf (a.o. Er ist's, Begegnung), and Japanese composers (a.o. Oiwake, Sakurayokocho, Tanki Ponki).□

Toastmasters on Lookout for New Members

"Most people get a chance to get up and make a speech maybe 10 times in their whole lives," Bill Quick, Assistant Manager of the Bookstore and Administrative Vice-President of the University Division of Toastmasters, told *Folio* recently.

At first glance, it is easy to get the impression that Toastmasters is "just another public speaking group." However, upon closer observation, it becomes apparent that members are more than just a collection of loquacious individuals. One of the goals of Toastmasters is to teach and improve communication skills, all the while maintaining an atmosphere of fellowship among members. The club goes beyond the initial teaching phase and encourages members to get involved with other social interests, while projecting a leadership image

that is Toastmasters' trademark.

The noon hour meetings in Assiniboia Hall feature "table topics" (impromptu speeches on current events). These are followed by prepared speeches which are timed. The performance of each speaker is then rated and constructive and encouraging criticism is extended.

The University Division of Toastmasters was started a year ago and now has 22 members, including academic staff and students. They meet every Tuesday at noon in the Personnel Training Room of Assiniboia Hall. Membership is \$50 for the first year and \$25 every year following. New members are always welcome. For further information, telephone Bill Quick, 432-4215, or the club's President, Emma Collins, 432-5245.□

Colonel Blimp, R.I.P.

The 25th offering of the Staff Fitness and Lifestyle Program will be observed 23 April. Starting with a 35-member early morning fitness class in October 1977, the program has grown in size and diversity to the point where 1,000 registrants from staff, students, and alumni are working out. From the basics of jogging and pushups, the program's offerings have broadened to include a full range of fitness activities. Fourteen different Aerobic Dance classes fill every nook and cranny of the Physical Education Complex. Each noon hour some 150 aerobic dancers make the building fairly pulsate.

Aerobic Dance is a popular exercise form which seems to have transcended the fad stage. In Edmonton, the Staff Fitness and Lifestyle Program of the University was one of the leaders in offering this activity in 1979 with Carol Rizzuto as the instructor. Aerobic Dance has hurtled to instant popularity and remains the most widely followed activity in the program. Campus Recreation instructors are all trained in cardio-pulmonary resuscitation and many are graduates of YMCA or YWCA fitness leaders courses. Others hold graduate degrees in Physical Education.

Due to the wide interest in Aerobic Dance, it has been possible to offer classes at a variety of levels and times. This allows a newcomer to select from four levels of intensity ranging from the New Beginner (for people who have not exercised in at least two years) to the Super Advanced (for the very fit).

"Aerobics are for women." "Real men don't do aerobics," you say. Don't be fooled. The Bears (football and soccer), the Oilers, and the Eskimos all use Aerobic Dance as part of their pre-season training. An hour of Aerobic Training with Michelle Polanski and most of the "jocks" are glad to get back into their game. Many men are delighted by the workout they get from Aerobic Dance. Heart rates soar,

muscles ache and the perspiration flows.

Another avenue is Macho Aerobics, an aerobic dance class for men and women. Since all the Campus Rec courses are co-ed the program guarantees not less than a 50-50 ratio of men to women. Kim Hammond of the Psychology Department led Macho Aerobics during the Winter Course. The participants have become so fit that a new course for graduates and other fit people will be started this spring. The name? Macho Plus.

What do you do when you've done your 500th aerobic dance class? Some people just want to boogie on, only harder. The Spring Program will offer a number of new activities for the very fit person. Madame Lillian Ilica, choreographer of the brilliantly staged Universiade '83 opening and closing ceremonies, is offering an Advanced Aerobic Dance course for fit people. Madame Ilica brings a vast background in Modern Olympic Gymnastics and Ethnic Dance to this course which will surely be a challenge to the fit person.

Michelle Polanski, a five-year veteran of thousands of aerobic dance classes, will offer Super Advanced for people who would like the ultimate aerobic dance experience. The Super Advanced class will use light weights and fast action to intrigue and delight a group of very fit people. Polanski's classes have been a source of enjoyment to hundreds of campus people.

In the fall of '83 the University Fencing Club, through Campus Recreation, tentatively offered a course for beginning fencers from among the staff. The response—11 people—was encouraging. In the winter program 12 more enrolled in the course and subsequently joined the Alberta Fencing Association as novice fencers.

At the other end of the activity spectrum are classes designed to help people relax. Relaxercises, T'ai Chi, and Yoga oper-

ate in quiet serenity, oblivious of the puffs and rhythms of the fitness classes. Under the experienced tutelage of Valerie Sherwood-Kennedy, relaxercises help people gain an awareness of their body and the way it moves. By concentrating on gentle movement they are able to relax from within. Forty minutes later they return to work relaxed and tranquil.

Gordon Chan teaches T'ai Chi, an ancient exercise form developed in the Orient. It is not a martial art. On the contrary, T'ai Chi is a gentle system of exercise involving balances and controlled movements that are intriguing and beautiful. The T'ai Chi taught by Mr. Chan is a compilation of many ancient forms developed in China. People improve muscle tone and balance in his classes. After 40 minutes of T'ai Chi they are exercised but not tired, relaxed but not drowsy.

Liz McLeod teaches Iyengar

Yoga, a form noted for its dynamic moves and stretches. She has a very faithful following who have been with her since she joined the Campus Recreation staff in 1980. She has visited the Iyengar Institute in India three times in the past three years and is currently the foremost authority on this yoga form in western Canada. Participants in Iyengar yoga are uniform in their praise of Liz McLeod's work. Her clients here include the Bears' hockey team and over 35 runners who find the improved flexibility helps their performances.

It is no understatement to say that fitness has arrived at the University of Alberta. The jogger is ubiquitous. Bicycle riders vie with automobiles in rush hour traffic and the gyms and swimming pools at the Physical Education Complex, once the preserve of the "Varsity Athlete," are now the playground of hundreds of fit, healthy people. □

Letters

Painting the Town Beige is Only Recourse

History has often been witness to man's treacherous nature. Julius Caesar was betrayed by the man he had treated as a son; Jesus Christ was betrayed by one of his own chosen apostles; and Europe was betrayed by Chamberlain.

The AAS:UA negotiating team of Jack Goldberg, Dan Pretzlaff, Don Richards, Peter Heron, and Jim Robb has recently stated that "The negotiating team is *pleased* to report...." To these esteemed academic colleagues, all honest men, I can only say "Et tu Brutus?"

Louis A. Pagliaro
Pharmacy and
Pharmaceutical Sciences

people

Alfred Fisher (Music) attended the performance of his "Fantasypieces" by the American pianist David Burge at New York's Alice Tully Hall, Lincoln Centre, 18 March.

Douglas Barbour (English) delivered the Exchange Lecture with the English Department at the University of Calgary 22 March. His topic was "Lyric/Anti-Lyric."

George A. Rothrock (History) was recently appointed Assistant Treasurer, Canada, by the Western Society for French History.

Harry Wohlfarth (Extension) has been elected an honorary Life Member of the German Psychophysiological Society in recognition of his pioneering re-

search in the field of col-
orpsychodynamics. He has also
been invited to give a graduate
seminar on "Principles and
Functions of Col-
orpsychodynamics" at the Uni-
versity of Aachen, Germany, in
July 1984. On the home front,
Professor Wohlfarth received the
Creative Art Award for 1983
from the City of Edmonton. He
has also been invited to have a
One Man Exhibition of his wa-
tercolor series "The Khumbu-
Everest Experience" at the Bur-
ckhardt Academy Gallery in
Rome. The exhibition will open 7
July.

The word from the Royal So-
ciety of Canada is that its Lorne
Pierce Medal will be awarded to
Sheila Watson (Professor Em-
eritus of English). The Medal
will be presented during the So-
ciety's annual meeting in Guelph
29 May. It is awarded for "an
achievement of special signifi-
cance and conspicuous merit in
imaginative or critical literature
written in either English or
French."

Alastair Small (Classics,
McCalla Professor) gave a lec-
ture on "A Late Roman and Ear-
ly Medieval Villa: San
Giovanni, South Italy" to the
Winnipeg, Minnesota and Ap-
pleton local societies of the Ar-
chaeological Institute of Amer-
ica, 26 to 28 February, as a
traveling lecturer of the AIA.

Milan V. Dimić (Comparative
Literature) gave a lecture on
"Kafka's Use of Myth and Folk-
lore" at a conference held for the
centennial of the author's birth
at the University of Calgary. He
also presented a paper, "The Pre-
face and the Meaning of Fram-
ing Devices in Romanticism," at
the annual meeting of the Mod-
ern Language Association of
America in New York. Professor
Dimić has been elected Secretary
of the Co-ordinating Committee
of the International Comparative
Literature Association (this com-
mittee is responsible for the
30-odd volume *Comparative His-
tory of Literature in European
Languages*, published in English
and French with the help of UN-
ESCO), and to the Board of the
American Comparative Liter-
ature Association.

On Reduced Airfares

- In most cases, the less ex-
pensive the airfare, the more
restrictive the rules on booking.
 - It's usually cheaper to book a
return than book two one ways.
 - There are many types of air-
fares available but be careful.
It's often not less expensive to
purchase the "budget" fare from
New York or Toronto that you
saw advertised in the *Globe and
Mail* once you add on exchange
rates and cost of meeting the
flight.
 - You may have to adapt your
travel plans and sacrifice some
efficiency to fit into the booking
rules of budget fares.
 - Be concise when asking for air-
fare price quotes. It's much more
difficult to give accurate and ec-
onomical fare quotes when an
agent has few details with which
to work.
- There are six areas which must
be considered carefully when
booking flights. They are: ad-
vance booking, days of travel,
seasons of travel, stopovers,
length of stay, flexibility.

Advance Booking

The least expensive fares, usually
charters, require advance book-
ing from 14 days to 30 days.

North America

14 days in advance in most cases
although "Seat Sales" require 21
days while a few American fares
called "Visit America Fares" re-
quire only 7 days in advance.
Many American carriers are now
offering "Commuter Fares"
which often have no advance
booking, just restriction on days
of travel.

East and West Europe

The least expensive Charter and
Apex fares have advance booking
of 21 days.

Other

To Australia, New Zealand
(Pacific) and the Orient most of
the best fares have advance
booking periods of 30 days with

a few exceptions to the Orient.
African destinations often re-
quire 21 days while South Amer-
ica has some good fares with 14
days in advance. The Near East
is one of the few areas where the
cheapest fares require no ad-
vance booking.

Days of Travel

In some cases, primarily for
travel within North America, it's
less expensive to fly during the
mid-week than the weekend.
Then again, especially with
American Commuter Fares, it's
least expensive on the weekend.

Seasons of Travel

Most airfares have more than
one price level, or season. Gener-
ally, the more popular times of
year for travel are more ex-
pensive, e.g., Florida and Car-
ibbean: Winter is more ex-
pensive. Europe and North
America: Christmas and summer
are more expensive.

Stopovers

Charter fares limit the number
of stops that you can make other
than your turn around point.

North America

You cannot make stops except
by means of a "circle trip" which
allows one extra stop but at a
higher fare. You may, however,
do "open jaw," i.e., land in one
city and return from another.

Europe

No stopovers allowed but you
can do "open jaws."

Other

To the Pacific and the Orient
there are some excellent fares
which allow several stopovers en
route.

Length of Stay

With a few exceptions most air-
fares specify a minimum and
maximum number of days that
you must stay away.

North America

Most charters require a min-
imum stay of over the first
Saturday night after departure
with a maximum stay of two
months. Seat sales are 7 days
minimum and 30 days max-
imum.

Europe

Charters require 7 days min-
imum, 180 days maximum; Apex
is 7 days minimum and 2 months
maximum.

Other

Orient, Pacific and Near East
are more flexible with many
fares allowing stays of up to one
year, 120 days to the Near East.

Flexibility

As you can see, the inexpensive
fares are by their nature, in-
flexible. Most also have financial
penalties for changing or cancel-
ling your reservation once the
ticket is issued.

North America

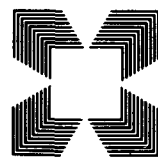
On charters the penalty is \$30 or
10% of the fare, whichever is
greater, while the Seat Sale is
100% non-refundable.

Europe

Charters have penalties of \$100
while APEX is \$50.

Other

Except for the Near East, pen-
alties tend to be high. The Pacific
and Oriental destinations gener-
ally penalize 25% of the fare,
while South America usually en-
forces dollar amounts ranging
from \$50 to \$100.



TRAVEL CUTS

Canadian Universities Travel Service Ltd.

432-2756, 432-2592.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Medicine

6 April, 8 a.m. Drs. Feldman and Nicas, Technological Advances in the Care of Cervical Cord Injuries and Other Neuromuscular Disorders." 2-115 Clinical Sciences Building.

9 April, 8 a.m. Marc Moreau, "Experimental Evaluation of Spinal Fixation Devices." 2-115 Clinical Sciences Building.

10 April, 9 a.m. Barbara Korsch, Department of Pediatrics, Children's Hospital, UCLA, "Studies on Doctor-Patient Communication During Acute Illness." 2-115 Clinical Sciences Building.

11 April, 8 a.m. C. Basualdo, "Arrhythmias." 6-103 Clinical Sciences Building.

13 April, 8 a.m. T. Maguire, V. Bain, and J. Farley, "See Ye the Cecum for the Answer May Lay Therein (3 Unusual Cases)." 2-115 Clinical Sciences Building.

Area Studies Committee

6 April, noon. M. Banada, Consultant, "African Socialism and Rural Development in Tanzania." 14-6 Tory Building.

Statistics and Applied Probability

6 April, 2 p.m. Mervyn Stone, University College, London, and Visiting Commonwealth Fellow, "The Pasionate Statistician: The Nightingale/Quetelet Connection." 657 CAB.

11 April, 4 p.m. Professor Stone, "Functional Models and Fiducial Inference." 657 CAB.

Zoology

6 April, 3:30 p.m. Jim Hines, "Recruitment of Young in a Population of Blue Grouse." CW-410 Biological Sciences Building.

Canadian Institute of Ukrainian Studies

6 April, 7:30 p.m. Bohdan Harasymiw, "Ethnicity and the Apparatchik: Nationality as a Factor in the Careers of Soviet Party Officials." Heritage Lounge, Athabasca Hall.

Club IDC

9 April, 3 p.m. Seminar on Development, "Nutrition and Health" with the film "Bottle Babies." 4-114 Education North.

Universe and Man Lecture Series

9 April, noon. D.B. McIntyre, "Computation: The Nile Valley to the Silicon Valley." 239 CAB.

English and Canada Council

9 April, 3 p.m. Poetry readings by Michael Ondaatje. L3 Humanities Centre.

Pharmacy and Pharmaceutical Sciences

9 April, 4 p.m. Basil Roufogalis, Professor of Pharmaceutical Sciences, University of British Columbia, "Calmodulin—An Intracellular Ca²⁺ Receptor." 4069 Dentistry/Pharmacy Centre.

10 April, 2 p.m. Dr. Roufogalis, "The Mechanism and Regulation of Active Ca²⁺ Transport in Human Red Blood Cells." 2031 Dentistry/Pharmacy Centre. Anyone wishing to meet with Dr. Roufogalis (between 9 and 11 April) should call 432-5303.

Political Science

10 April, 12:30 p.m. Pat Appavoo, "Domestic Politics and Development Assistance, a Sweden-Canada Comparison." 10-4 Tory Building.

Limnology and Fisheries Discussion Group

12 April, noon. Dan Dolson, "Alberta Anglers' Receptivity to Innovative Sports Fishery Management Strategy." G-217 Biological Sciences Building.

Centre for Gerontology

12 April, 12:30 p.m. H. Northcott, "Aging in Canada: A Demographic Update." 8-14 General Services Building.

Classics

12 April, 3:30 p.m. J.J. Rossiter, "Late Roman villas: questions of ownership and residency." 1-8 Humanities Centre.

Library Science

13 April, 10 a.m. Jeanne-Marie Dureau, Directeur des Etudes, Ecole Nationale Supérieure des Bibliothèques, Villeurbanne, France, "Library and Archival Education in France." 3-01 Rutherford South.

13 April, 1 p.m. Jeanne-Marie Dureau, "Conservation: Problems, Trends, and Current Research." L3 Humanities Centre.

Music

Department of Music

All events take place in Convocation Hall.
5 April, 8 p.m. A senior student recital with Sandra Babbel, soprano.

6 April, 8 p.m. A senior student recital with Susanna Boehm, piano.

7 April, 8 p.m. A senior student recital with Elizabeth Turnbull, mezzo-soprano.

8 April, 8 p.m. A senior student recital with Evelyn Millman, organ.

9 April, 8 p.m. A senior student recital with Chris Carlson, trombone.

10 April, 5 p.m. A senior student recital with Chris Helman, saxophone.

10 April, 8 p.m. A senior student recital with Melanie Galloway, flute.

11 April, 8 p.m. A senior student recital with Doug Blackley, percussion.

Radio and Television

Television

Programs broadcast on ETV Q-9 and C-13.
11 April, 8 p.m. "Images of Alberta." Hosted by Kanhaya Gupta. Guest: Reg Basken.

Studio Theatre

Until 7 April. "The Taming of the Shrew." For further information and/or tickets, call 432-2495.

SUB Theatre

5 April, 8 p.m. Westcan Treks and CP Air present an "Invitation to Discover Australia."

6 April, 8 p.m. Club IDC presents "A Celebration of Cultures," an evening of music and dance.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)
AJ510 Operation and Visual Editing
MTS Overview (Prerequisite)

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)
Advanced SPIRES

Graphics

Introduction to Plotting
Integrated Graphics Overview

Statistics

Data Preparation for Statistical Packages (Prerequisite)
Introduction to SPSSx
SPSSx Conversion
Introduction to BMDP
Introduction to MIDAS
Introduction to MINITAB
Introduction to TROLL

Microcomputers

Introduction to the IBM PC
The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.
Advanced Text Formatting
Courier Operation and Visual Editing

Introduction to Programming
Introduction to Typesetting
Introduction to APL
Introduction to the Array Processor
Introduction to APAL
Introduction to Clustan
Introduction to TSP
Introduction to Osiris

For more information on any of the courses listed above, telephone the Training Assistant at 432-2511, between 8:30 a.m. and noon, weekdays.

Extension

Real Estate Education

For further information on the course listed below and others offered, telephone 432-5060.

Mortgage Finance Update

Business and Professional

For further information on the courses listed below, telephone 432-5066 or 432-5067.
Relocation Counselling
Personal Computers for the Handicapped
Cost-Effective Office Management

Applied Behavioral Sciences Division

For further information on the courses listed below, telephone 432-5069.
Assertion and Interpersonal Skills Training
Patterns of Effective Communications
Consultation Skills
Problem Solving Excellence
The Problem Client: Identification and Resolution of His/Her Problems
Courtroom Testimony and Helping Professionals

Dentistry

For further information on the courses listed below, call 432-5023.
Clinical Developmental Anatomy
Growth/Malformation of Face and Jaws (Calgary) - 7 April
Pain Control in Dentistry: An Update in Analgesics and Local Anesthetics (Calgary) - 27 April.

Notices

Alberta Advisory Committee for Educational Studies

The Alberta Advisory Committee for Educational Studies (AACES) invites applications for grants to support descriptive or experimental studies in education.

Grants in excess of \$3,000 are awarded rarely because of limited available resources. Grants cannot be given for travel unrelated to the proposed research project, nor for research which is part of graduate studies.

Application forms may be obtained from and should be returned to Mrs. Judy Yurkiw, AACES, c/o The Alberta Teachers' Association, 11010 142 Street, Edmonton, Alberta T5N 2R1. Telephone 453-2411, extension 229.

Completed applications received by 19 April will be considered at the spring meeting of AACES.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Roslyn Hanchard or Roy Bennett, telephone 432-3208.

For Sale: 1 Decwriter IV.
For more information, telephone S.K. Sehgal, 432-2705.
1 Digital Decwriter III Printer, with APL.
For more information, telephone A. Rhemtulla, 432-4565.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Dean, Faculty of Engineering

An advisory committee has begun its search for a Dean. Suggestions of possible candidates and assessments of the leadership needs of the Faculty are invited. The appointment will take effect before 31 December 1984, or as soon as a candidate selected by the search committee and approved by the Faculty and the Board of Governors is available.

Nominations or applications for the position, accompanied in the latter case by a detailed résumé of qualifications and experience and the names of three referees, should be submitted by 1 June 1984 to: The Vice-President (Academic), 3-5 University Hall, University of Alberta, Edmonton, Alberta T6G 2J9.

Training Coordinator

This position is in Personnel Services and Staff Relations and is responsible for planning, developing, coordinating and implementing training programs for non-academic staff.

Applicants should have a background in adult education and directly related work experience in a training capacity.

Starting salary from \$27,216 with an attractive benefits program.

Interested persons should apply by comprehensive résumé to: Employment Coordinator, Personnel Services and Staff Relations, 2-40 Assiniboia Hall.

Administrative Officer, Faculty of Law

Applications are invited for the position of Administrative Officer, Faculty of Law.

Duties include full budget responsibilities (operating, capital and trust), personnel management, preparation of statistical reports, liaison with the legal profession, Secretary to Law Faculty Council, and a variety of other duties related to faculty administration.

This is an Administrative/Professional Officer position, reporting directly to the Dean, and salary will be commensurate with qualifications and experience (approximately \$27,000).

Applications, with résumé and names of two referees, should be sent to: APO Selection Committee, Room 481, Law Centre, University of Alberta, Edmonton, Alberta T6G 2H5.

Closing date for receipt of applications is 30 April 1984.

Radiation Protection Officer

Required by the University of Alberta to be responsible for licensing of radionuclide and radiation emitting devices, hazardous waste management, radiation accident investigation, safety training and environmental monitoring. Also involved is the supervision of a small staff.

Applicants must have a sound academic background, effective management and communication skills, and the ability to work cooperatively with students and staff in undergraduate and research environments.

Salary: \$29,912-\$44,876 per annum with a comprehensive benefits program.

Interested persons may obtain further information by calling (403) 432-3645 or applying by comprehensive résumé to: The Vice-President (Facilities and Services), University of Alberta, Edmonton, Alberta T6G 2J9.

Employee Relations Officer

Applications are invited for this position in Personnel Services and Staff Relations.

Reporting to the Employee Relations Coordinator, the incumbent will act as a consultant to management on grievance processing, employee performance/discipline problems and the interpretation of the Board/NASA Agreement.

Qualifications should include formal training in personnel administration with emphasis in labour relations and experience in the field of labour relations/grievance handling in a union environment.

This is an Administrative Officer position with salary from \$24,000 (under review).

Interested persons should apply by comprehensive résumé to: Employment Coordinator, Personnel Services and Staff Relations, 2-40 Assiniboia Hall, University of Alberta, Edmonton, Alberta T6G 2E7.

Administrative Officer, Department of Chemistry

Applications are invited for the position of Senior Administrative Officer, Department of Chemistry. The department is a large teaching and research department within the Faculty of Science with a total staff of more than 300 people.

Duties include the supervision of the financial, physical and personnel resources of the department, and management of the day to day operations. The successful applicant will assist in the formulation, implementation, and enforcement of departmental policies in a broad range of areas. The position calls for someone with initiative, imagination and tact, and who is

capable of working with a variety of people. Applicants must have several years of administrative and managerial experience, preferably in a university setting. A university degree, especially a BSc, is preferred.

The Senior Administrative Officer reports to the Department Chairman. The salary offered will be commensurate with qualifications and experience: the salary range is \$35,000 to \$45,000 per annum. The position should commence no later than 15 August 1984.

Applications, including a résumé and the names of three referees, should be sent to: Dr. R.J. Crawford, Chairman, Department of Chemistry, University of Alberta, Edmonton, Alberta T6G 2G2.

Closing date for receipt of applications is 15 May 1984.

Chairman, Canadian Studies Program

The Canadian Studies Committee in the Faculty of Arts seeks a new Chairman for the Committee and of the Canadian Studies Program, effective 1 July 1984. The term for this position is normally three years. Canadian Studies is an interdisciplinary degree program with some 30 students currently enrolled. Duties include calling and conducting full Committee meetings at intervals throughout the year; preparing budgets; representing the Program in University councils and to the public; performing routine administration; being available to students; and directing the on-going development of the Program, especially in curriculum.

Suggestions of suitable candidates for this position, or self-nominations, may be sent by 15 May 1984 to the Chairman of the Search Committee, Dr. John Eagle, Department of History, 2-69 H.M. Tory Building, (telephone 432-3535), University of Alberta, Edmonton, Alberta T6G 2H4.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 29 March 1984. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Typist III (\$1,161-\$1,390) Community Relations

Clerk Typist II (\$1,161-\$1,390) Graduate Studies

*Senior Financial Records Clerk (\$1,294-\$1,561) Housing and Food Services

Clerk Typist III (Part-Time) (\$647-\$781) Home Economics

Clerk Typist III (Trust) (\$1,294-\$1,561) Immunology

*Clerk Steno III (\$1,294-\$1,561) Computing Science

Clerk Steno III (\$1,294-\$1,561) Nursing

*Clerk Steno III (\$1,294-\$1,561) Obstetrics and Gynaecology

*Clerk Steno III (\$1,294-\$1,561) Registrar's Office

Clerk Steno III (\$1,294-\$1,561) Home Economics

*Secretary (\$1,442-\$1,766) Stomatology

*Departmental/Executive Secretary (\$1,625-\$2,003) Pharmacy

*Departmental/Executive Secretary (\$1,625-\$2,003) Nursing

*Departmental/Executive Secretary (\$1,625-\$2,003) Housing and Food Services

*Departmental/Executive Secretary (\$1,625-\$2,003) Native Affairs

*Departmental/Executive Secretary (\$1,625-\$2,003) Genetics

*Departmental/Executive Secretary (\$1,625-\$2,003) Health Services Administration and Community Medicine

Technician I (Part-Time, Trust) (\$749-\$921) Anatomy

Lab Assistant II (Trust) (\$1,161-\$1,390) Zoology

*Storeman II (\$1,390-\$1,697) Central Stores

*Audiovisual Technician I/II (\$1,442-\$2,092) Instructional Technology Centre

Animal Technician I/II (Trust) (\$1,497-\$2,092) Pediatrics

Security Officer I (\$1,625-\$2,003) Campus Security

Biology Technologist I (Trust) (\$1,697-\$2,092) Zoology

Technician II/III (Trust) (\$1,697-\$2,378) Pediatrics

Biology Technologist II (Trust) (\$1,920-\$2,378) Genetics

Biochemistry Technologist II/III (Trust) (\$1,920-\$2,710) Pediatrics

Pharmacist (\$2,003-\$2,486) University Health Service

*Programmer/Analyst III (\$2,596-\$3,239) Computing Science

**In accordance with current Hiring Freeze policy, applications for these positions are restricted to current non-academic staff for a period of 10 working days.*

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Accommodations available

Sale - Grandview, University. Four-bedroom, 1,900 sq. ft. \$154,700. 437-7299.

Sale - Garneau, two-storey, remodelled, five bedrooms, two bathrooms, den, sundeck, patio, double heated garage. 439-3702.

Rent - Furnished house. May, June, July. Close to University. Reasonable. 428-5646 days, 436-8347 evenings.

Rent - Parkallen. Two-bedroom, completely furnished house. \$700/month. 424-3209.

Sale - By owner. 11040 80 Ave. Renovated, two-bedroom home. \$99,500. 434-2803.

Sale - Five-bedroom house, extra large lot. Choice Lansdowne community. Two

baths up, main floor family room (f/p), laundry and lavatory. Front drive, double garage. \$175,000. Attractive financing. Consider trade. 434-0426.

For sale - Adorable, renovated, two-storey (Belgravia), fireplace, sunporch, balcony. \$92,900. DeAnna Larson, 481-0936. Spencer's.

Rent - July 1984-June 1985. Four-bedroom house in Holyrood. Furnished, enclosed yard, deck, bus to University. \$750/month. 468-1254, 468-2683.

Sale - Walking distance to University. Quiet area. Good view. Spacious, one-bedroom condominium. \$40,000, (obo). 434-2693 after 6 p.m.

Home to share - In Pleasantview with all amenities. \$325. Private phone. Call Audrey, 436-7456, 436-5661.

For sale - House by owner in Mill Creek. Charming, 1,180 sq. ft. One bedroom and den. 9665 87 Ave. \$98,500. Good mortgage. Call 433-7234.

Rent - Completely furnished, family house. University area. 1 July-15 August. Two bedrooms, study, laundry facilities. Near major mall and bus route. 436-3535.

For sale - Two-bedroom condominium, two blocks University. 1 1/2 baths, five appliances, parking. Fourth floor, elevator. As new. Phone evenings, 486-6600.

Rent - Large, well furnished home, established area, University bus route, three/four bedrooms, suitable for family. Available July/August 1984-July/August 1985. \$950. Lease, references. 453-3178.

For sale - Parkallen jewel! Excellent condition, vacuum system, bow window, two single garages (one attached). \$79,500. DeAnna Larson, 481-0936. Spencer's.

Sale - Historic Inglewood/Groat Estate. Upgraded, 2 1/2-storey, 1,650 sq. ft. plus 800 sq. ft. attic. Four bedrooms plus den. By owner, \$128,000. No agents. 451-4926.

For sale - Belgravia home. Walk to University. Available early July. \$150,000. 436-6219.

Owner sale - Parkallen, renovated semi-bungalow. 1,280 sq. ft. Three bedrooms, two bathrooms. Developed basement. Close to schools. Convenient to University. Immediate possession. 435-1563.

Sublet - May through August, fully furnished, one-bedroom apartment. Near campus. Swimming pool, tennis and other amenities. Call collect, 289-1812 Calgary.

For sale - Farm, by owner. 80 acres, #1 cultivated soil. Cozy, renovated home, beautifully landscaped, granaries, barn, excellent wells, cattle-waterers. Large, additional, cedar studio. \$130,000. 1-662-3596.

Rent - Three-bedroom house, two baths, double garage. Five minutes to U of A. Five appliances. Two year lease available. Non-smokers. 455-2947.

For sale - Near southside. \$79,900. By owner. Remodelled, two bedrooms, quiet, treed area. Fireplace, hardwood floors. 433-0773. 7305 105A Street.

Rent - Beautifully furnished, executive house. Near University. July-August. 438-1004. evenings.

Rent - Great house for summer. Furnished, four bedrooms, patio, deck, garage, University area. \$600/month. 1 May-1 Sept. 436-0455.

Sale - South Garneau, two-bedroom bungalow. Large verandah, hardwood floors, fireplace. Excellent condition. 433-1126 evenings.

Sublet - May to August, College Plaza. One-bedroom apartment. Rent negotiable. Dr. Schrader, 439-9625 (res.).

Sale - By owner. Renovated, two-storey, two-bedroom house. Hardwood floors throughout. Enormous kitchen. Artist's studio in basement, rentable as suite, separate entrance. Near Whyte, walk to University. \$85,000. 439-6528.

For rent - West end area, two-storey, four-bedroom house. Attached garage. Available 1 July 1984-30 June 1985. Phone 481-1436 or 432-4673.

Sale - Just listed, two-bedroom bungalow. Easy access University. Two bedrooms down, hardwood floors, south yard. \$55,000. Joyce Byrne, Spencer's. 435-6064, 436-5250.

Sale - New, exclusive listing. Cedar bungalow. Grandview. 1,750 sq. ft. Lovely accents, walnut wood. Joyce Byrne, 435-6064, 436-5250.

Sale - Windsor Park. Enjoy the sun on the sheltered patio. Large, south yard. Cozy, bright bungalow. Fieldstone fireplace. Owner transferred. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Rent - Three-bedroom home. 1 May. Walking distance University. \$750/month. 475-4651.

Sale - Close to University, historical, two-storey charmer. Three bedrooms, six appliances. \$98,500. 435-6468.

Wanted: Two or three people to share furnished house for Spring Session. 1 May-30 June. 452-6694.

Sale - Lendrum. Four-level split, tastefully redecorated. Large, sparkling kitchen. Quiet location. Triple garage. 437-7724. \$105,000.

For rent - 15 May-15 August. Furnished, four-bedroom, Mill Creek, family home. Reasonable rent in exchange for cat care. 433-4687.

Rent - Furnished, west end house. Three bedrooms, study, excellent bus to University. No smokers. Care of house our priority. \$600/month (negotiable), 1 July 1984-30 June 1985. 487-8523.

Sale - Parkview bungalow, 15 minutes from University. 1,273 sq. ft., large kitchen, hardwood floors, five bedrooms (three up, two down), fully developed basement, seven appliances, drapes. \$95,000. 489-0151.

Open house - Sunday, 8 April, 2-4 p.m. Renovated, three-bedroom home, newer kitchen, greenhouse window, fireplace. Must sell, asking \$93,000. 11503-77 Ave. Liz Croxford, Spencer's, 436-5250, 434-0555 res.

For sale - Riverbend, two-storey, \$136,900./Lansdowne, bungalow, \$115,000./ Riverbend, bungalow, \$109,000./ Grandview bungalow, exclusive. \$148,000./ Call Liz Croxford, Spencer Real Estate. 436-5250. 434-0555 res.

For sale - Saskatchewan Drive. Custom built, cedar bungalow, featuring formal rooms overlooking the valley and parklike yard. Two fireplaces. Newer, modern kitchen. Double garage. Liz Croxford, Spencer's, 436-5250, 434-0555.

Accommodations wanted

Professional/family. Four-bedroom, Belgravia/Windsor Park. 1 July. 434-2661.

Wanted - Sabbatical house to sit. Recent PhD graduate on one year government contract. References available. 435-6686.

Wanted residence exchange with University of Alberta faculty member, Sept. 1984-August 1985. Contact, W.J.C. Cherwinski, History Department, Memorial University, St. John's, Nfld. A1C 5S7. (709) 722-5829, (709) 737-8441 (office).

U of A faculty couple need house/apartment (furnished/semi-furnished) near campus. 15 August to December 1984. 432-0864.

Caring, professional couple with toddler will rent/care for your furnished home from June. Prefer Garneau-Windsor Park. References, in sabbatical house now. Philip Henry, CBC Radio. 469-2321.

Post Doc. and family (three school age) from Ireland, require house for 6-12 months, from June. Careful tenants, will care for pets/garden. Please contact Dr. J. Ennett, c/o Dr. M. Cowie, Chemistry Department. 432-5581.

House and pet sitting by reliable teacher. References. 475-8386.

Goods for sale

Antique, round, oak table. 48", \$575. Oak, tea trolley, \$145. 455-2947.

Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash for book collections and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

Omega B-22 enlarger with 50 mm. lens and 75 mm. lens, \$80. Smith Corona electric typewriter, \$100. Eureka vacuum cleaner, \$60. Call 9-5 weekdays, 432-5732.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.

Singing teacher, Eileen Turner, 439-4661. Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Word processing - \$18/hour. Typing - from \$1.50/page. Greek symbols and equations. 432-0138.

Canadian tax returns, Eberlein Consulting. 434-0563.

Will type manuscripts, etc., for professors. 473-4404.

Professional dressmaking and alteration. 438-2747.

Custom homes/renovations. Experienced design drafting. Call 973-3198 (local).

Academic staff: Supplementary healthcare reimburses treatment costs for backaches, stress tension at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: Heat, massages, chirogymnastics, interferential electrotherapy. 436-8059. 11627 75 Ave.

Intelligent, alert, blind, elderly, Ismaili Muslim, wishes to make mature friends for walking, conversation and jaunts around Edmonton. Speaks fluent English. Very independent. Enquire: Dave or Judith, 439-5097 evenings.

Professional, medical typist - theses, reports for publication, manuscripts. Judy, 456-2701.

Hort. grad. Will do yard clean-up and pruning. Phone Kent, 438-0183, or Jari, 439-0651.

Thesis typing - papers. Experienced. 455-0641.

Income tax returns prepared by professional accountant. Phone 483-2035 evenings, anytime weekends.

Cleaning lady available, excellent references. \$8/hour plus bus fare. Phone 436-7041 evenings or weekends to contact.

Bilingual pre-school and kindergarten. French, fine arts, ballet, gym, theatre, puppets, music, social education. Phone 439-7911 or 465-7285.

COLD SORES!

Do you suffer from recurring cold sores? Would you like to participate in a CONFIDENTIAL, controlled study by a University of Alberta research team investigating a promising anti-viral medication?

For more information, call Sheri or Joanne at 432-2691.



NORDEGG, ALBERTA
TOM 2H0
721-2102

SEMINAR & WORKSHOP FACILITIES

Enjoy: Seclusion
Excellent accommodation & meals
Beautiful scenery
Reasonable rates